

PM 1340GT Gear Chart
Metric Threads

1340GT Gear Chart				A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	C	C	C	C	C	C	C	D	D	D	D	D	D	E	E	E	E	E	E	E						
Metric Threads				1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
TPI				4	4.5	4.75	5	5.5	6	6.5	7	8	9	9.5	10	11	12	13	14	16	18	19	20	22	24	26	28	32	36	38	40	44	48	52	56	64	72	76	80	88	96	104	112	
Thread to thread in.				0.2500	0.2222	0.2105	0.2000	0.1818	0.1667	0.1538	0.1429	0.1250	0.1111	0.1053	0.1000	0.0909	0.0833	0.0769	0.0714	0.0625	0.0556	0.0526	0.0500	0.0455	0.0417	0.0385	0.0357	0.0313	0.0278	0.0263	0.0250	0.0227	0.0208	0.0192	0.0179	0.0156	0.0139	0.0132	0.0125	0.0114	0.0104	0.0096	0.0089	
Thread to thread mm				6.350	5.644	5.347	5.080	4.618	4.233	3.908	3.629	3.175	2.822	2.674	2.540	2.309	2.117	1.954	1.814	1.588	1.411	1.337	1.270	1.155	1.058	0.977	0.907	0.794	0.706	0.668	0.635	0.577	0.529	0.488	0.454	0.397	0.353	0.334	0.318	0.289	0.265	0.244	0.227	
Gear Ratios		Revolutions	Final Ratio																																									
40	127	0.3150																																										
127	40	3.1750	1.0000																																									
Metric Ratios																																												
40	127	0.3150	TPI	3.780	4.252	4.488	4.724	5.197	5.669	6.142	6.614	7.559	8.504	8.976	9.449	10.394	11.339	12.283	13.228	15.118	17.008	17.953	18.898	20.787	22.677	24.567	26.457	30.236	34.016	35.906	37.795	41.575	45.354	49.134	52.913	60.472	68.031	71.811	75.591	83.150	90.709	98.268	105.827	
120	40	3.0000	0.9449	Thread to thread mm	6.000	5.333	5.053	4.800	4.364	4.000	3.692	3.429	3.000	2.667	2.526	2.400	2.182	2.000	1.846	1.714	1.500	1.333	1.263	1.200	1.091	1.000	0.923	0.857	0.750	0.667	0.632	0.600	0.545	0.500	0.462	0.429	0.375	0.333	0.316	0.300	0.273	0.250	0.231	0.214
40	127	0.3150	TPI	4.319	4.859	5.129	5.399	5.939	6.479	7.019	7.559	8.639	9.719	10.259	10.799	11.879	12.958	14.038	15.118	17.278	19.438	20.517	21.597	23.757	25.917	28.076	30.236	34.556	38.875	41.035	43.195	47.514	51.834	56.153	60.472	69.111	77.750	82.070	86.389	95.028	103.667	112.306	120.945	
120	35	3.4286	1.0799	Thread to thread mm	6.857	6.095	5.774	5.486	4.987	4.571	4.220	3.918	3.429	3.048	2.887	2.743	2.494	2.286	2.110	1.959	1.714	1.524	1.444	1.371	1.247	1.143	1.055	0.980	0.857	0.762	0.722	0.686	0.623	0.571	0.527	0.490	0.429	0.381	0.361	0.343	0.312	0.286	0.264	0.245
40	127	0.3150	TPI	4.724	5.315	5.610	5.906	6.496	7.087	7.677	8.268	9.449	10.630	11.220	11.811	12.992	14.173	15.354	16.535	18.898	21.260	22.441	23.622	25.984	28.346	30.709	33.071	37.795	42.520	44.882	47.244	51.969	56.693	61.417	66.142	75.591	85.039	89.764	94.488	103.937	113.386	122.835	132.283	
120	32	3.7500	1.1811	Thread to thread mm	7.500	6.667	6.316	6.000	5.455	5.000	4.615	4.286	3.750	3.333	3.158	3.000	2.727	2.500	2.308	2.143	1.875	1.667	1.579	1.500	1.364	1.250	1.154	1.071	0.938	0.833	0.789	0.750	0.682	0.625	0.577	0.536	0.469	0.417	0.395	0.375	0.341	0.313	0.288	0.268
40	127	0.3150	TPI	5.039	5.669	5.984	6.299	6.929	7.559	8.189	8.819	10.079	11.339	11.969	12.598	13.858	15.118	16.378	17.638	20.157	22.677	23.937	25.197	27.717	30.236	32.756	35.276	40.315	45.354	47.874	50.394	55.433	60.472	65.512	70.551	80.630	90.709	95.748	100.787	110.866	120.945	131.024	141.102	
120	30	4.0000	1.2598	Thread to thread mm	8.000	7.111	6.737	6.400	5.818	5.333	4.923	4.571	4.000	3.556	3.368	3.200	2.909	2.667	2.462	2.286	2.000	1.778	1.684	1.600	1.455	1.333	1.231	1.143	0.989	0.842	0.800	0.727	0.667	0.615	0.571	0.500	0.444	0.421	0.364	0.333	0.308	0.286		
35	127	0.2756	TPI	3.307	3.720	3.927	4.134	4.547	4.961	5.374	5.787	6.614	7.441	7.854	8.268	9.094	9.921	10.748	11.575	13.228	14.882	15.709	16.535	18.189	19.843	21.496	23.150	26.457	29.764	31.417	33.071	36.378	39.685	42.992	46.299	52.913	59.528	62.835	66.142	72.756	79.370	85.984	92.598	
120	40	3.0000	0.8268	Thread to thread mm	5.250	4.667	4.421	4.200	3.818	3.500	3.231	3.000	2.625	2.333	2.211	2.100	1.909	1.750	1.615	1.500	1.313	1.167	1.105	1.050	0.955	0.875	0.808	0.750	0.656	0.583	0.553	0.525	0.477	0.438	0.404	0.375	0.328	0.292	0.276	0.263	0.239	0.219	0.202	0.188
35	127	0.2756	TPI	4.134	4.651	4.909	5.167	5.684	6.201	6.718	7.234	8.268	9.301	9.818	10.335	11.368	12.402	13.435	14.469	16.535	18.602	19.636	20.669	22.736	24.803	26.870	28.937	33.071	37.205	39.272	41.339	45.472	49.606	53.740	57.874	66.142	74.409	78.543	82.677	90.945	99.213	107.480	115.748	
120	32	3.7500	1.0335	Thread to thread mm	6.563	5.833	5.526	5.250	4.773	4.375	4.038	3.750	3.281	2.917	2.763	2.625	2.386	2.188	2.019	1.875	1.641	1.458	1.382	1.313	1.193	1.094	1.010	0.938	0.820	0.729	0.691	0.656	0.597	0.547	0.505	0.469	0.410	0.365	0.345	0.328	0.298	0.273	0.252	0.234
35	127	0.2756	TPI	4.409	4.961	5.236	5.512	6.063	6.614	7.165	7.717	8.819	9.921	10.472	11.024	12.126	13.228	14.331	15.433	17.638	19.843	20.945	22.047	24.252	26.457	28.661	30.866	35.276	39.685	41.890	44.094	48.504	52.913	57.323	61.732	70.551	79.370	83.780	88.189	97.008	105.827	114.646	123.465	
120	30	4.0000	1.1024	Thread to thread mm	7.000	6.222	5.895	5.600	5.091	4.667	4.308	4.000	3.500	3.111	2.947	2.800	2.545	2.333	2.154	2.000	1.750	1.556	1.474	1.400	1.273	1.167	1.077	0.875	0.778	0.737	0.685	0.636	0.583	0.538	0.438	0.389	0.368	0.350	0.318	0.292	0.269	0.250	0.235	
32	127	0.2520	TPI	3.024	3.402	3.591	3.780	4.157	4.535	4.913	5.291	6.047	6.803	7.181	7.559	8.315	9.071	9.827	10.583	12.094	13.606	14.362	15.118	16.630	18.142	19.654	21.165	24.189	27.213	28.724	30.236	33.260	36.283	39.307	42.331	48.378	54.425	57.449	60.472	66.520	72.567	78.614	84.661	
120	40	3.0000	0.7559	Thread to thread mm	4.800	4.267	4.042	3.840	3.491	3.200	2.954	2.743	2.400	2.133	2.021	1.920	1.745	1.600	1.477	1.371	1.200	1.067	1.011	0.960	0.873	0.800	0.738	0.686	0.600	0.533	0.505	0.480	0.436	0.400	0.369	0.343	0.300	0.267	0.253	0.240	0.218	0.200	0.185	0.171
32	127	0.2520	TPI	3.456	3.888	4.103	4.319	4.751	5.183	5.615	6.047	6.911	7.775	8.207	8.639	9.503	10.367	11.231	12.094	13.822	15.550	16.414	17.278	19.006	20.733	22.461	24.189	27.645	31.100	32.828	34.556	38.011	41.467	44.922	48.378	55.289	62.200	65.656	69.111	76.022	82.934	89.845	96.756	
120	35	3.4286	0.8639	Thread to thread mm	5.486	4.876	4.620	4.389	3.950	3.657	3.376	3.047	2.743	2.438	2.310	2.194	1.995	1.829	1.688	1.567	1.371	1.219	1.155	1.097	0.997	0.914	0.844	0.784	0.686	0.610	0.577	0.549	0.499	0.457	0.422	0.392	0.343	0.305	0.289	0.274	0.249	0.229	0.211	0.196
32	127	0.2520	TPI	4.031	4.535	4.787	5.039	5.543	6.047	6.551	7.055	8.063	9.071	9.575	10.079	11.087	12.094	13.102	14.110	16.126	18.142	19.150	20.157	22.173	24.189	26.205	28.220	32.252	36.283	38.299	40.315	44.346	48.378	52.409	56.441	64.504	72.567	76.598	80.630	88.693	96.756	104.819	112.882	
120	30	4.0000	1.0079	Thread to thread mm	6.400	5.689	5.389	5.120	4.655	4.267	3.938	3.657	3.200	2.844	2.695	2.560	2.327	2.133	1.969	1.829	1.600	1.422	1.347	1.280	1.164	1.067	0.985	0.914	0.800	0.711	0.674	0.640	0.582	0.533	0.492	0.457	0.400	0.356	0.337	0.320	0.291	0.267	0.246	0.229
30	127	0.2362	TPI	2.835	3.189	3.366	3.543	3.898	4.252	4.606	4.961	5.669	6.378	6.732	7.087	7.795	8.504	9.213	9.921	11.339	12.756	13.465	14.173	15.591	17.008	18.425	19.843	22.677	25.512	26.929	28.346	31.181	34.016	36.850	39.685	45.354	51.024	53.858	56.693	62.362	68.031	73.701	79.370	
120	40	3.0000	0.7087	Thread to thread mm	4.500	4.000	3.849	3.600	3.273	3.000	2.769	2.571	2.250	2.000	1.895	1.800	1.636	1.500	1.385	1.286	1.125	1.000	0.947	0.900	0.818	0.750	0.692	0.600	0.563	0.508	0.484	0.450	0.409	0.375	0.346	0.321	0.28.							